

ABSTRACT

A computer system incorporates distributed power control. In particular, the computer system comprises a power supply for providing at least one voltage, a power distribution system, and N boards, or modules (where $N > 1$) coupled to the power supply via the power distribution system. Each board comprises a voltage regulator, which receives the voltage from the power supply and provides a regulated voltage to the board, and a processor for controlling the voltage regulator for varying the regulated voltage.